

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/712,642

Source: _____

Date Processed by STIC: _____

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/712,642

DATE: 10/18/2004

TIME: 10:20:30

Input Set : N:\Crf3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw

```

1 <110> APPLICANT: Li, Gloria C.
2   Burgman, Paul W.J.J.
3 <120> TITLE OF INVENTION: USES OF DNA-PK
4 <130> FILE REFERENCE: 1747/55672-A-PCT-US
5 <140> CURRENT APPLICATION NUMBER: US/10/712,642
6 <141> CURRENT FILING DATE: 2003-11-12
7 <150> PRIOR APPLICATION NUMBER: US/09/750,410
8 <151> PRIOR FILING DATE: 2000-12-28
9 <160> NUMBER OF SEQ ID NOS: 59
10 <170> SOFTWARE: PatentIn version 3.1
12 <210> SEQ ID NO: 1
13 <211> LENGTH: 29
14 <212> TYPE: DNA
15 <213> ORGANISM: Mouse
16 <400> SEQUENCE: 1
17   agctgtatat ttctgtgccg gcagtgatg          29
19 <210> SEQ ID NO: 2
20 <211> LENGTH: 26
21 <212> TYPE: DNA
22 <213> ORGANISM: Mouse
23 <400> SEQUENCE: 2
24   agctgtatat ttctgtgccg gcagtg          26
26 <210> SEQ ID NO: 3
27 <211> LENGTH: 22
28 <212> TYPE: DNA
29 <213> ORGANISM: Mouse
30 <400> SEQUENCE: 3
31   agctgtatat ttctgtgccg gc          22
33 <210> SEQ ID NO: 4
34 <211> LENGTH: 27
35 <212> TYPE: DNA
36 <213> ORGANISM: Mouse
37 <400> SEQUENCE: 4
38   agctgtatat ttctgtgccg gcagtg          27
40 <210> SEQ ID NO: 5
41 <211> LENGTH: 29
42 <212> TYPE: DNA
43 <213> ORGANISM: Mouse
44 <400> SEQUENCE: 5
45   atcagtgtag ttctgtgccg gcggatg          29
47 <210> SEQ ID NO: 6
48 <211> LENGTH: 26
49 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/712,642

TIME: 10:20:30

Input Set : N:\Crf3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw

```

50 <213> ORGANISM: Mouse
51 <400> SEQUENCE: 6
52     atcagtgtac ttctgtgccca gcggtg                                26
54 <210> SEQ ID NO: 7
55 <211> LENGTH: 24
56 <212> TYPE: DNA
57 <213> ORGANISM: Mouse
58 <400> SEQUENCE: 7
59     atcagtgtac ttctgtgccca gcgg                                24
61 <210> SEQ ID NO: 8
62 <211> LENGTH: 26
63 <212> TYPE: DNA
64 <213> ORGANISM: Mouse
65 <400> SEQUENCE: 8
66     atcagtgtac ttctgtgccca gcggta                                26
68 <210> SEQ ID NO: 9
69 <211> LENGTH: 22
70 <212> TYPE: DNA
71 <213> ORGANISM: Mouse
72 <400> SEQUENCE: 9
73     atcagtgtac ttctgtgccca gc                                22
75 <210> SEQ ID NO: 10
76 <211> LENGTH: 22
77 <212> TYPE: DNA
78 <213> ORGANISM: Mouse
79 <400> SEQUENCE: 10
80     atcagtgtat ttctgtgccca gc                                22
82 <210> SEQ ID NO: 11
83 <211> LENGTH: 27
84 <212> TYPE: DNA
85 <213> ORGANISM: Mouse
86 <400> SEQUENCE: 11
87     atcagtgtac ttctgtgccca gcggtga                                27
89 <210> SEQ ID NO: 12
90 <211> LENGTH: 29
91 <212> TYPE: DNA
92 <213> ORGANISM: Mouse
93 <400> SEQUENCE: 12
94     atctttgtac ttctgtgccca gcagtgatg                                29
96 <210> SEQ ID NO: 13
97 <211> LENGTH: 22
98 <212> TYPE: DNA
99 <213> ORGANISM: Mouse
100 <400> SEQUENCE: 13
101     atctttgtac ttctgtgccca gc                                22
103 <210> SEQ ID NO: 14
104 <211> LENGTH: 28
105 <212> TYPE: DNA
106 <213> ORGANISM: Mouse

```

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/712,642

TIME: 10:20:30

Input Set : N:\Crif3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw

107 <400> SEQUENCE: 14	
108 atctttgtac ttctgtgccca gcagtgat	28
110 <210> SEQ ID NO: 15	
111 <211> LENGTH: 27	
112 <212> TYPE: DNA	
113 <213> ORGANISM: Mouse	
114 <400> SEQUENCE: 15	
115 atctttgtac ttctgtgccca gcagtga	27
117 <210> SEQ ID NO: 16	
118 <211> LENGTH: 14	
119 <212> TYPE: DNA	
120 <213> ORGANISM: Mouse	
121 <400> SEQUENCE: 16	
122 gggactgggg gggc	14
124 <210> SEQ ID NO: 17	
125 <211> LENGTH: 32	
126 <212> TYPE: DNA	
127 <213> ORGANISM: Mouse	
128 <400> SEQUENCE: 17	
129 ctcctatgaa cagtacttcg gtccccggcac ca	32
131 <210> SEQ ID NO: 18	
132 <211> LENGTH: 26	
133 <212> TYPE: DNA	
134 <213> ORGANISM: Mouse	
135 <400> SEQUENCE: 18	
136 tgaacagtac ttcgggtcccg gcacca	26
138 <210> SEQ ID NO: 19	
139 <211> LENGTH: 29	
140 <212> TYPE: DNA	
141 <213> ORGANISM: Mouse	
142 <400> SEQUENCE: 19	
143 ctatgaacag tacttcgggtc ccggcacca	29
145 <210> SEQ ID NO: 20	
146 <211> LENGTH: 25	
147 <212> TYPE: DNA	
148 <213> ORGANISM: Mouse	
149 <400> SEQUENCE: 20	
150 gaacagtact tcgggtcccg cacca	25
152 <210> SEQ ID NO: 21	
153 <211> LENGTH: 20	
154 <212> TYPE: DNA	
155 <213> ORGANISM: Mouse	
156 <400> SEQUENCE: 21	
157 gtacttcggt cacggctcca	20
159 <210> SEQ ID NO: 22	
160 <211> LENGTH: 30	
161 <212> TYPE: DNA	
162 <213> ORGANISM: Mouse	
163 <400> SEQUENCE: 22	

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/712,642

TIME: 10:20:30

Input Set : N:\Crif3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw

164	cctatgaaca gtacttcggt cccggcacca	30
166	<210> SEQ ID NO: 23	
167	<211> LENGTH: 19	
168	<212> TYPE: DNA	
169	<213> ORGANISM: Mouse	
170	<400> SEQUENCE: 23	
171	tacttcggtc cccggcacca	19
173	<210> SEQ ID NO: 24	
174	<211> LENGTH: 25	
175	<212> TYPE: DNA	
176	<213> ORGANISM: Unknown	
177	<220> FEATURE:	
178	<223> OTHER INFORMATION: Oligonucleotide Primer	
179	<400> SEQUENCE: 24	
180	gggccagctc attcctccac tcatg	25
182	<210> SEQ ID NO: 25	
183	<211> LENGTH: 25	
184	<212> TYPE: DNA	
185	<213> ORGANISM: Unknown	
186	<220> FEATURE:	
187	<223> OTHER INFORMATION: Oligonucleotide Primer	
188	<400> SEQUENCE: 25	
189	cctacagtgt acccgacct atgcc	25
191	<210> SEQ ID NO: 26	
192	<211> LENGTH: 24	
193	<212> TYPE: DNA	
194	<213> ORGANISM: Unknown	
195	<220> FEATURE:	
196	<223> OTHER INFORMATION: Oligonucleotide Primer	
197	<400> SEQUENCE: 26	
198	cggaaacagga ctggtggttg agcc	24
200	<210> SEQ ID NO: 27	
201	<211> LENGTH: 28	
202	<212> TYPE: DNA	
203	<213> ORGANISM: Unknown	
204	<220> FEATURE:	
205	<223> OTHER INFORMATION: Oligonucleotide	
206	<400> SEQUENCE: 27	
207	gggccaagaa tcttcagca gtttcggg	28
209	<210> SEQ ID NO: 28	
210	<211> LENGTH: 20	
211	<212> TYPE: DNA	
212	<213> ORGANISM: Unknown	
213	<220> FEATURE:	
214	<223> OTHER INFORMATION: Oligonucleotide	
215	<400> SEQUENCE: 28	
216	gaggaaaggt gacattgagc	20
218	<210> SEQ ID NO: 29	
219	<211> LENGTH: 22	

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/712,642

TIME: 10:20:30

Input Set : N:\Crf3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw

```

220 <212> TYPE: DNA
221 <213> ORGANISM: Unknown
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Oligonucleotide
224 <400> SEQUENCE: 29
225      gcctggtgcc gggaccgaag ta                22
227 <210> SEQ ID NO: 30
228 <211> LENGTH: 20
229 <212> TYPE: DNA
230 <213> ORGANISM: Unknown
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Oligonucleotide Probe
233 <400> SEQUENCE: 30
234      gggctgaggc tgatccatta                20
236 <210> SEQ ID NO: 31
237 <211> LENGTH: 25
238 <212> TYPE: DNA
239 <213> ORGANISM: Unknown
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Oligonucleotide
242 <400> SEQUENCE: 31
243      tggcttgaca tgcagaaaac acctg          25
245 <210> SEQ ID NO: 32
246 <211> LENGTH: 24
247 <212> TYPE: DNA
248 <213> ORGANISM: Unknown
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Oligonucleotide
251 <400> SEQUENCE: 32
252      tgaattccac agtcacttgg cttc          24
254 <210> SEQ ID NO: 33
255 <211> LENGTH: 25
256 <212> TYPE: DNA
257 <213> ORGANISM: Unknown
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Oligonucleotide Probe
260 <400> SEQUENCE: 33
261      gacacgtgat acaaagccca gggaa          25
263 <210> SEQ ID NO: 34
264 <211> LENGTH: 21
265 <212> TYPE: DNA
266 <213> ORGANISM: Unknown
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Oligonucleotide
269 <400> SEQUENCE: 34
270      gtcaagggat ctactactgt g              21
272 <210> SEQ ID NO: 35
273 <211> LENGTH: 34
274 <212> TYPE: DNA

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/712,642

DATE: 10/18/2004

TIME: 10:20:31

Input Set : N:\Crf3\RULE60\10712642.raw.txt

Output Set: N:\CRF4\10182004\J712642.raw